

## SPEAKER SYSTEM

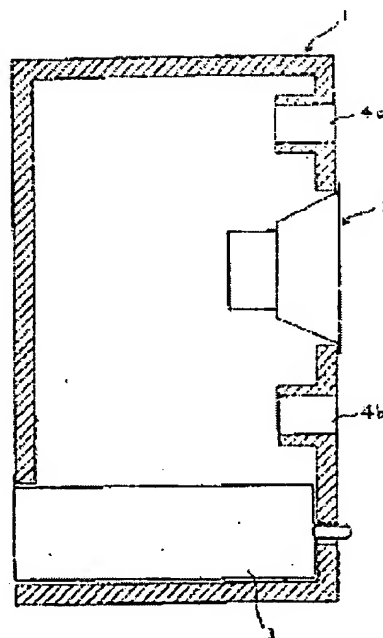
**Patent number:** JP63074297  
**Publication date:** 1988-04-04  
**Inventor:** HARA KOZO; AZUMA YOSHIHIDE  
**Applicant:** MITSUBISHI ELECTRIC CORP  
**Classification:**  
- international: **H04R1/00; H04R1/02; H04R1/00; H04R1/02; (IPC1-7): H04R1/00; H04R1/02**  
- european:  
**Application number:** JP19860218988 19860917  
**Priority number(s):** JP19860218988 19860917

Report a data error here

### Abstract of JP63074297

**PURPOSE:** To suppress the temperature rise of an amplifier to a small value by arranging plural bass-reflex ports of an amplifier built-in speaker system above and under a cabinet so as to dissipate the heat of the built-in amplifier to the outside of the cabinet.

**CONSTITUTION:** The bass-reflex ports 4a, 4b are provided above/under the speaker cabinet. The heat from the amplifier 3 is dissipated to the outside of the cabinet by the air flow from the bass-reflex ports 4a, 4b by the bass-reflex operation of the speaker at the operation of the speaker unit 2. Moreover, the heat from the amplifier 3 when no signal is given to the speaker unit 2 while the amplifier 3 is in operation is dissipated effectively from the upper bass-reflex port 4a through the air convection of the ports 4a, 4b provided above/under the cabinet. Thus, the temperature rise of the amplifier 3 is suppressed to a very smaller value than that of a conventional amplifier built-in speaker system.



Data supplied from the esp@cenet database - Worldwide